File View Edit Tools Window Help

- Drafts
- Pending
- Active
  - L1: (121522) disk adj1 drive
  - L2: (2620) 1 same zone
  - L3: (422) servo adj1 wedge
  - L4: (127988) servo
  - L5: (10074) frequency with 4
  - L6: (373) 2 and 5
  - L7: (611) 2 same 5

Default operator: OR

2 same 5

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P			
1	☑	☐	US 20050013031	20050120	29	Systems for searching for SAM patterns at mul	360/51	360/29; 360/48		Ehrlich, Richard M.	☐	☐	☐	☐	☐	☐
2	☑	☐	US 20050013030	20050120		Methods for searching for SAM patterns at mul	360/51			Ehrlich, Richard M.	☐	☐	☐	☐	☐	☐
3	☑	☐	US 20050013027	20050120		Methods for searching for SAM patterns using	360/29	360/48		Ehrlich, Richard M.	☐	☐	☐	☐	☐	☐
4	☑	☐	US 20050013026	20050120		Servo demodulator systems including multi	360/29	360/48		Ehrlich, Richard M.	☐	☐	☐	☐	☐	☐
5	☑	☐	US 20040268034	20041230		Multi-tiered retry scheme for loading syst	711/112	711/154		Lim, Ricardo SoonLian et al.	☐	☐	☐	☐	☐	☐
6	☑	☐	US 20030218814	20031127		Identification and cancellation of cage fr	360/31	360/77.04; 360/77.08		Min, ShuangQuan et al.	☐	☐	☐	☐	☐	☐
7	☑	☐	US 20030151840	20030814		Embedded servo patterning methods and	360/48	360/77.08		Dunn, George Anthony et al.	☐	☐	☐	☐	☐	☐
8	☑	☐	US 20030043710	20030306		System and method for a high bandwidth servo sy	369/44.34	369/275.3; 369/47.35		Shelton, Boyd et al.	☐	☐	☐	☐	☐	☐
9	☑	☐	US 20030021053	20030130		Method and apparatus for optimizing auto gai	360/67	360/46		Sakai, Yuji	☐	☐	☐	☐	☐	☐
10	☑	☐	US 20030011921	20030116		Method and apparatus for determining data fi	360/53			Lim, Eng Hock et al.	☐	☐	☐	☐	☐	☐
11	☑	☐	US 20020131346	20020919		System and method for dynamically re-calibrat	369/44.29			Turner, Christopher J. et al.	☐	☐	☐	☐	☐	☐
12	☑	☐	US 20020044370	20020418		Identification and cancellation of cage fr	360/31	360/77.04; 360/77.08		Min, ShuangQuan et al.	☐	☐	☐	☐	☐	☐
13	☑	☐	US 6798596 B2	20040928		Method and apparatus for determining data fi	360/53	360/31; 360/48		Lim, Eng Hock et al.	☐	☐	☐	☐	☐	☐
14	☑	☐	US 6785073 B2	20040831		Identification and cancellation of cage fr	360/31	360/77.04; 360/77.08		Min, ShuangQuan et al.	☐	☐	☐	☐	☐	☐
15	☑	☐	US 6760185 B1	20040706		Method and system for generating servo positi	360/77.08	360/48; 360/78.14		Roth, Maxim et al.	☐	☐	☐	☐	☐	☐
16	☑	☐	US 6674604 B1	20040106		AC unlatch using grey code detection with zon	360/78.04			Teng, Jack Ming et al.	☐	☐	☐	☐	☐	☐
17	☑	☐	US 6643090 B1	20031104		Multi-mode servo position error signal d	360/78.04			Pruett, David C.	☐	☐	☐	☐	☐	☐
18	☑	☐	US 6590729 B1	20030708		Magnetic disk drive with servo signal decod	360/48	360/77.08		Akagi, Kyo et al.	☐	☐	☐	☐	☐	☐
19	☑	☐	US 6519104	20030211		Computer system	360/51	360/46;		Cloke, Robert L.	☐	☐	☐	☐	☐	☐

Ready

#	U	I	Document ID	Issue Dat	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P				
20	☑	☐	US 6507450 B1	20030114		Method of continuously recording servo bursts	360/77.08			Elliott; Timothy J.	☐	☐	☐	☐	☐	☐
21	☑	☐	US 6487032 B1	20021126		Computer system comprising a host conne	360/51	360/46; 360/65;		Cloke; Robert L. et al.	☐	☐	☐	☐	☐	☐
22	☑	☐	US 6487028 B1	20021126		Servo system for disk-flutter in rotatin	360/25	360/77.04		Sri-Jayantha; S. M. et al.	☐	☐	☐	☐	☐	☐
23	☑	☐	US 6441981 B1	20020827		Disk drive including a recording surface emplo	360/51	360/48; 360/77.08		Cloke; Robert Leslie et al.	☐	☐	☐	☐	☐	☐
24	☑	☐	US 6411452 B1	20020625		Disk drive employing read error tolerant svn	360/51	360/77.08		Cloke; Robert Leslie	☐	☐	☐	☐	☐	☐
25	☑	☐	US 6388829 B1	20020514		High servo sampling disk drive with minimum	360/48	360/60; 360/77.08		Nazarian; Ara W.	☐	☐	☐	☐	☐	☐
26	☑	☐	US 6359746 B1	20020319		Magnetic disk drive	360/75	360/77.03		Kakekado; Shigeru et al.	☐	☐	☐	☐	☐	☐
27	☑	☐	US 6342992 B1	20020129		Hard disk drive actuator pivot with inb	360/265.6	384/296		Prater; Walter Llovd et al.	☐	☐	☐	☐	☐	☐
28	☑	☐	US 6339512 B1	20020115		Disk-flutter servo control in rotating sto	360/77.04	360/65; 360/78.09		Sri-Jayantha; S. M. et al.	☐	☐	☐	☐	☐	☐
29	☑	☐	US 6310749 B1	20011030		Voice coil motor actuator vibration isol	360/265.7	360/265.8		Beatty; Paul A. et al.	☐	☐	☐	☐	☐	☐
30	☑	☐	US 6304406 B1	20011016		Rotational vibration compensation using a fi	360/73.03	360/73.01		Douglas; D Brent et al.	☐	☐	☐	☐	☐	☐
31	☑	☐	US 6278568 B1	20010821		Disk drive employing read channel IC with co	360/51	360/46; 360/77.08		Cloke; Robert L. et al.	☐	☐	☐	☐	☐	☐
32	☑	☐	US 6262857 B1	20010717		Disk drive including a recording surface emplo	360/51	360/46; 360/48;		Hull; Richard William et al.	☐	☐	☐	☐	☐	☐
33	☑	☐	US 6191906 B1	20010220		Method for estimating sampling phase from svn	360/51	360/46		Buch; Bruce D.	☐	☐	☐	☐	☐	☐
34	☑	☐	US 6178057 B1	20010123		Disk unit and read/write control meth	360/51			Kuroda; Takashi et al.	☐	☐	☐	☐	☐	☐
35	☑	☐	US 6178056 B1	20010123		Disk drive employing state variable trap rea	360/46	360/51; 360/65		Cloke; Robert Leslie et al.	☐	☐	☐	☐	☐	☐
36	☑	☐	US 6118604 A	20000912		Constant density servo information in a disc d	360/48	360/77.08; 360/78.14		Duffy; Dennis Daniel	☐	☐	☐	☐	☐	☐
37	☑	☐	US 6084738 A	20000704		Writing servo information to a disc d	360/75			Duffy; Dennis Daniel	☐	☐	☐	☐	☐	☐
38	☑	☐	US 6067202 A	20000523		Method and apparatus for controlling spindle	360/73.03	318/254; 318/439;		Rowan; Bryan Scott et al.	☐	☐	☐	☐	☐	☐
39	☑	☐	US 6046969 A	20000404		Multiple clock tracks for erasable and rewrit	369/47.31	369/275.3		Towner; David K. et al.	☐	☐	☐	☐	☐	☐
40	☑	☐	US 5956196 A	19990921		Disk drive employing dynamically reconfigure	360/65	360/77.08		Hull; Richard W. et al.	☐	☐	☐	☐	☐	☐
41	☑	☐	US 5946153 A	19990831		Information storage disk drive with variabl	360/48	360/31; 360/69		Emo; Bruce D. et al.	☐	☐	☐	☐	☐	☐
42	☑	☐	US 5861766 A	19990119		Multimode frequency synthesizer having high	327/105	327/107; 327/148;		Baumer; Howard Anthony et al.	☐	☐	☐	☐	☐	☐
43	☑	☐	US 5771131 A	19980623		Tracking in hard disk drive using magnetoresi	360/77.08	360/75		Pirzadeh; Sean	☐	☐	☐	☐	☐	☐
44	☑	☐	US 5729399	19980317		Contact start/stop disk	360/75	360/78.04		Albrecht; Thomas	☐	☐	☐	☐	☐	☐

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38	☑	☐	US 6067202 A	20000523		Method and apparatus for controlling spindle	360/73.03	318/254; 318/439;		Rowan; Bryan Scott et al.	☐	☐	☐	☐	☐	☐
39	☑	☐	US 6046969 A	20000404		Multiple clock tracks for erasable and rewrit	369/47.31	369/275.3		Towner; David K. et al.	☐	☐	☐	☐	☐	☐
40	☑	☐	US 5956196 A	19990921		Disk drive employing dynamically reconfigure	360/65	360/77.08		Hull; Richard W. et al.	☐	☐	☐	☐	☐	☐
41	☑	☐	US 5946153 A	19990831		Information storage disk drive with variabl	360/48	360/31; 360/69		Emo; Bruce D. et al.	☐	☐	☐	☐	☐	☐
42	☑	☐	US 5861766 A	19990119		Multimode frequency synthesizer having high	327/105	327/107; 327/148;		Baumer; Howard Anthony et al.	☐	☐	☐	☐	☐	☐
43	☑	☐	US 5771131 A	19980623		Tracking in hard disk drive using magnetoresi	360/77.08	360/75		Pirzadeh; Sean	☐	☐	☐	☐	☐	☐
44	☑	☐	US 5729399 A	19980317		Contact start/stop disk drive with minimized he	360/75	360/78.04		Albrecht; Thomas Robert et al.	☐	☐	☐	☐	☐	☐
45	☑	☐	US 5568331 A	19961022		Method of head positioning and magneti	360/77.07	360/135; 360/77.11		Akagi; Kyo et al.	☐	☐	☐	☐	☐	☐
46	☑	☐	US 5550685 A	19960827		Applying an adaptive feed-forward algorithm	360/77.08	360/77.04		Drouin; David M.	☐	☐	☐	☐	☐	☐
47	☑	☐	US 5475540 A	19951212		Magnetic data storage disk drive with data bl	360/48	360/51; 360/77.08		Gold; Clifford M.	☐	☐	☐	☐	☐	☐
48	☑	☐	US 5422760 A	19950606		Disk drive method using zoned data recording an	360/46	360/51; 360/65		Abbott; William L. et al.	☐	☐	☐	☐	☐	☐
49	☑	☐	US 5420730 A	19950530		Servo data recovery circuit for disk drive	360/77.08	360/51; 360/78.14		Moon; Ronald R. et al.	☐	☐	☐	☐	☐	☐
50	☑	☐	US 5384671 A	19950124		PRML sampled data channel synchronous ser	360/51	360/49; 360/77.08;		Fisher; Kevin D.	☐	☐	☐	☐	☐	☐
51	☑	☐	US 5345342 A	19940906		Disk drive using PRML synchronous sampling da	360/48	360/77.08		Abbott; William L. et al.	☐	☐	☐	☐	☐	☐
52	☑	☐	US 5341249 A	19940823		Disk drive using PRML class IV sampling data	360/46	360/39; 360/51;		Abbott; William L. et al.	☐	☐	☐	☐	☐	☐
53	☑	☐	US 5329251 A	19940712		Multiple biasing phase-lock-loops contro	331/2	331/16; 331/17;		Llewellyn; William D.	☐	☐	☐	☐	☐	☐
54	☑	☐	US 5315456 A	19940524		Programmable servo timing generator	360/77.08			Hessing; Charles E. et al.	☐	☐	☐	☐	☐	☐
55	☑	☐	US 5276564 A	19940104		Programmable start-of-sector pulse g	360/51	360/49; 360/77.08		Hessing; Charles E. et al.	☐	☐	☐	☐	☐	☐
56	☑	☐	US 5258933 A	19931102		Timing control for PRML class IV sampling data	708/3	360/46; 360/51;		Johnson; Kenneth E. et al.	☐	☐	☐	☐	☐	☐
57	☑	☐	US 5121280 A	19920609		Zone servo sector format alignment scheme	360/135	360/48; 360/73.03		King; Francis K.	☐	☐	☐	☐	☐	☐
58	☑	☐	US 4910617 A	19900320		Disk drive head positioning servo syste	360/78.14	360/135; 360/77.05;		Brunnett; Donald et al.	☐	☐	☐	☐	☐	☐
59	☑	☐	US 4894734 A	19900116		Method and apparatus for constant density re	360/51	360/27		Fischler; Al et al.	☐	☐	☐	☐	☐	☐
60	☑	☐	EP 590878 A2	19940406		Data block sequencing using ID after embedded		360/75		GOLD, CLIFFORD M	☐	☐	☐	☐	☐	☐
61	☑	☐	WO 9101554 A1	19910207		ZONE SERVO SECTOR FORMAT ALIGNMENT SCHEME		360/48		KING, FRANCIS K	☐	☐	☐	☐	☐	☐

Drafts
Pending
Active
  L1: (207) "servo address mark"
  L2: (29440) SAM
  L3: (29501) 1 or 2
  L4: (422) servo adj1 wedge
  L5: (99646) different near3 frequency
  L6: (23) 3 and 4 and 5
Failed

DB: US-PGPUB;USPAT;EPO;JPO;IBM_TDB
Default operator: OR

3 and 4 and 5

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1		US 20050013031	20050120	29	Systems for searching for SAM patterns at mul	360/51	360/29; 360/48		Ehrlich, Richard M.						
2		US 20050013030	20050120		Methods for searching for SAM patterns at mul	360/51			Ehrlich, Richard M.						
3		US 20050013027	20050120		Methods for searching for SAM patterns using	360/29	360/48		Ehrlich, Richard M.						
4		US 20050013026	20050120		Servo demodulator systems including multi	360/29	360/48		Ehrlich, Richard M.						
5		US 20040125485	20040701		Methods for preventing channel control values	360/51	360/77.08		Ehrlich, Richard M.						
6		US 20040125484	20040701		Methods for improving servo-demodulation robu	360/51			Ehrlich, Richard M.						
7		US 20040125483	20040701		Systems for improving servo-demodulation robu	360/51	360/77.08		Ehrlich, Richard M.						
8		US 20040125482	20040701		Methods for detecting multiple occurrences of	360/51	360/77.08		Ehrlich, Richard M.						
9		US 20040125481	20040701		Systems for detecting multiple occurrences of	360/51	360/77.08		Ehrlich, Richard M.						
10		US 20040125479	20040701		Systems for preventing channel control values	360/39	360/51; 360/77.08		Ehrlich, Richard M.						
11		US 20020150179	20021017		Synchronous detection of wide bi-phase coded	375/340			Leis, Michael D. et al.						
12		US 6738205 B1	20040518		Self-writing of servo patterns in disk drives	360/17	360/75		Moran; Patrick et al.						
13		US 6519104 B1	20030211		Computer system comprising a host conne	360/51	360/46; 360/77.08		Cloke; Robert L. et al.						
14		US 6487032 B1	20021126		Computer system comprising a host conne	360/51	360/46; 360/65;		Cloke; Robert L. et al.						
15		US 6452990 B1	20020917		Synchronous detection of wide bi-phase coded	375/361	360/27; 369/43;		Leis; Michael D. et al.						
16		US 6441981 B1	20020827		Disk drive including a recording surface emplo	360/51	360/48; 360/77.08		Cloke; Robert Leslie et al.						
17		US 6411452 B1	20020625		Disk drive employing read error tolerant syn	360/51	360/77.08		Cloke; Robert Leslie						
18		US 6304407 B1	20011016		Self-writing of servo patterns based on print	360/75	360/17		Baker; Bill et al.						
19		US 6278568 B1	20010821		Disk drive employing read channel IC with co	360/51	360/46; 360/77.08		Cloke; Robert L. et al.						

Ready

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1	☑	☐	US 20050013031	20050120	29	Systems for searching for SAM patterns at mul	360/51	360/29; 360/48		Ehrlich, Richard M.							
2	☑	☐	US 20050013030	20050120		Methods for searching for SAM patterns at mul	360/51			Ehrlich, Richard M.							
3	☑	☐	US 20050013027	20050120		Methods for searching for SAM patterns using	360/29	360/48		Ehrlich, Richard M.							
4	☑	☐	US 20050013026	20050120		Servo demodulator systems including multi	360/29	360/48		Ehrlich, Richard M.							
5	☑	☐	US 20040125485	20040701		Methods for preventing channel control values	360/51	360/77.08		Ehrlich, Richard M.							
6	☑	☐	US 20040125484	20040701		Methods for improving servo-demodulation robu	360/51			Ehrlich, Richard M.							
7	☑	☐	US 20040125483	20040701		Systems for improving servo-demodulation robu	360/51	360/77.08		Ehrlich, Richard M.							
8	☑	☐	US 20040125482	20040701		Methods for detecting multiple occurrences of	360/51	360/77.08		Ehrlich, Richard M.							
9	☑	☐	US 20040125481	20040701		Systems for detecting multiple occurrences of	360/51	360/77.08		Ehrlich, Richard M.							
10	☑	☐	US 20040125479	20040701		Systems for preventing channel control values	360/39	360/51; 360/77.08		Ehrlich, Richard M.							
11	☑	☐	US 20020150179	20021017		Synchronous detection of wide bi-phase coded	375/340			Leis, Michael D. et al.							
12	☑	☐	US 6738205 B1	20040518		Self-writing of servo patterns in disk drives	360/17	360/75		Moran; Patrick et al.							
13	☑	☐	US 6519104 B1	20030211		Computer system comprising a host conne	360/51	360/46; 360/77.08		Cloke; Robert L. et al.							
14	☑	☐	US 6487032 B1	20021126		Computer system comprising a host conne	360/51	360/46; 360/65;		Cloke; Robert L. et al.							
15	☑	☐	US 6452990 B1	20020917		Synchronous detection of wide bi-phase coded	375/361	360/27; 369/43;		Leis; Michael D. et al.							
16	☑	☐	US 6441981 B1	20020827		Disk drive including a recording surface emplo	360/51	360/48; 360/77.08		Cloke; Robert Leslie et al.							
17	☑	☐	US 6411452 B1	20020625		Disk drive employing read error tolerant syn	360/51	360/77.08		Cloke; Robert Leslie							
18	☑	☐	US 6304407 B1	20011016		Self-writing of servo patterns based on print	360/75	360/17		Baker; Bill et al.							
19	☑	☐	US 6278568 B1	20010821		Disk drive employing read channel IC with co	360/51	360/46; 360/77.08		Cloke; Robert L. et al.							
20	☑	☐	US 6262857 B1	20010717		Disk drive including a recording surface emplo	360/51	360/46; 360/48;		Hull; Richard William et al.							
21	☑	☐	US 6178056 B1	20010123		Disk drive employing state variable trap reg	360/46	360/51; 360/65		Cloke; Robert Leslie et al.							
22	☑	☐	US 5862005 A	19990119		Synchronous detection of wide bi-phase coded	360/27	360/29; 360/42		Leis; Michael D. et al.							
23	☑	☐	US 5422760 A	19950606		Disk drive method using zoned data recording an	360/46	360/51; 360/65		Abbott; William L. et al.							